

The listing of claims presented below replaces all prior versions and listings of claims in the application.

### Listing of Claims

1. (Currently Amended) A method of diagnosing ~~of~~ immunological recurrent spontaneous abortion, comprising the steps of:

determining a level of antinuclear antibody in a body fluid sample from a patient by a method involving contacting and reacting the sample with an ~~using an~~ isolated human chromosome No. 2 containing fibronectin encoding gene as antigen; and

comparing the determined level with a level of the corresponding antinuclear antibody of a normal ~~a~~ control; wherein a higher level of said antibody in said sample compared to the level of said antibody in a control is indicative of immunological recurrent spontaneous abortion.

Claims 2 to 14 (cancelled).

15. (Currently Amended) A method ~~for~~ of monitoring a therapeutic effect for immunological spontaneous abortion, comprising the steps of:

determining a level of an antinuclear antibody in a body fluid sample ~~of~~ from a patient, after a treatment, ~~by using~~ by a method involving contacting and reacting the sample with an isolated human chromosome No. 2 containing fibronectin encoding gene as antigen; and

comparing the determined level with the corresponding level before the treatment; wherein a lower level of said antibody in said sample compared to the level before the treatment is indicative of a positive therapeutic effect of the treatment.

Claims 16 to 18 (cancelled).